

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
 Data File : BG035666.D
 Acq On : 16 Jul 2018 12:43
 Operator : JU/SJ
 Sample : J3542-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-2

Quant Time: Jul 16 13:31:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

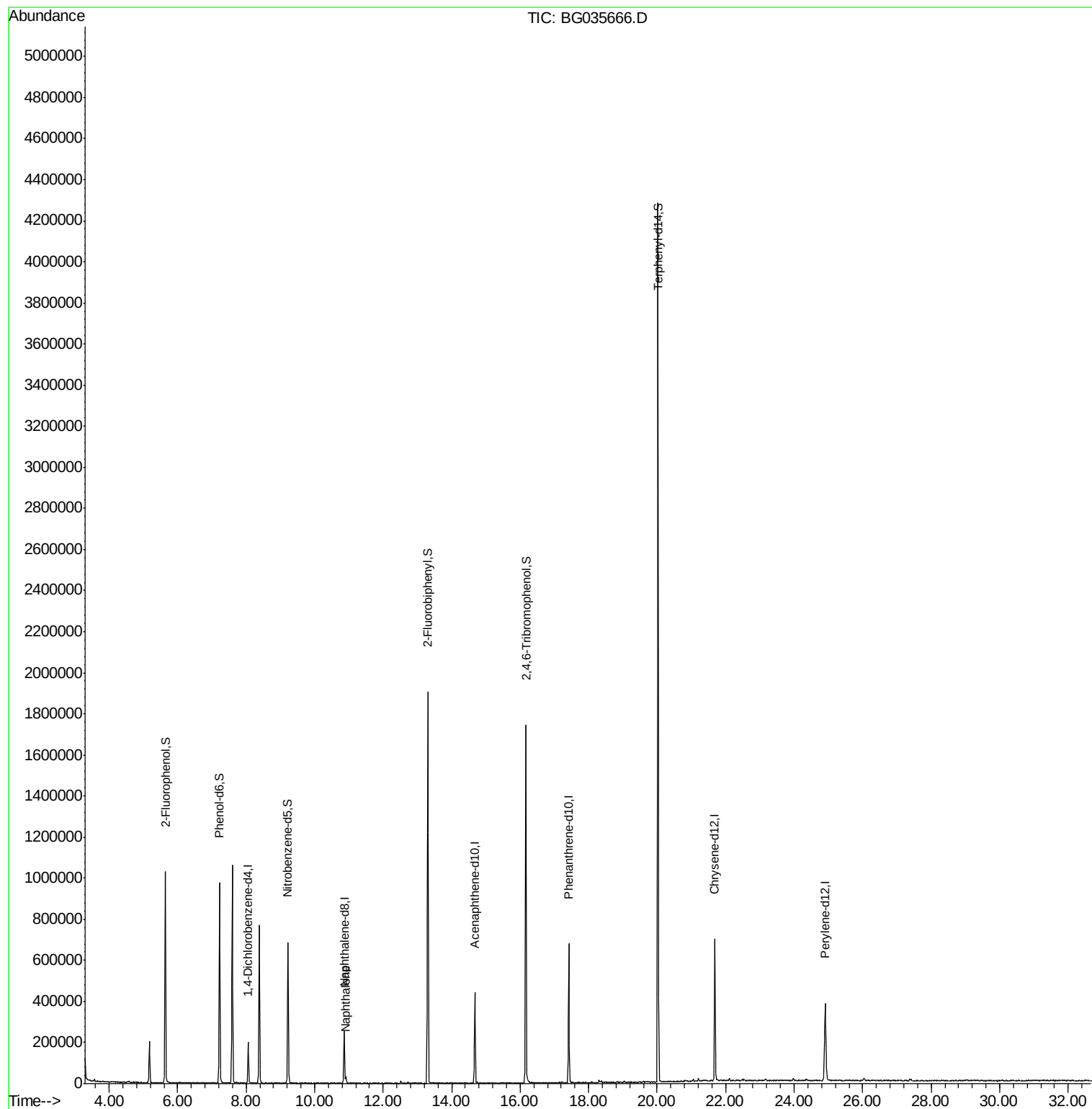
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55757	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	209084	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	151966	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	428794	20.00	ng	0.00
75) Chrysene-d12	21.68	240	456402	20.00	ng	0.00
86) Perylene-d12	24.91	264	420514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	436988	130.12	ng	0.00
7) Phenol-d6	7.22	99	585861	116.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	463615	92.63	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	325472	162.49	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1012030	89.22	ng	0.00
78) Terphenyl-d14	20.03	244	1948566	94.11	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	25032	2.298	ng	Qvalue # 93

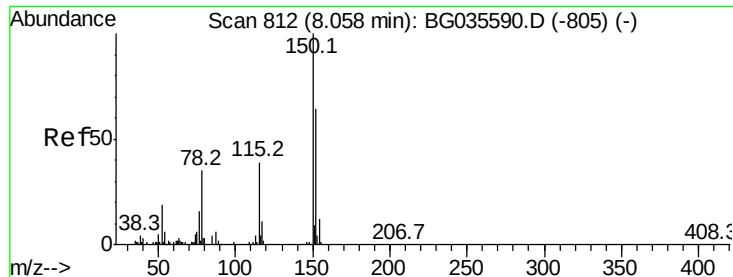
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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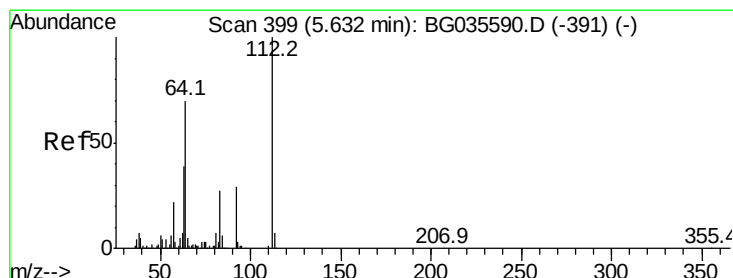
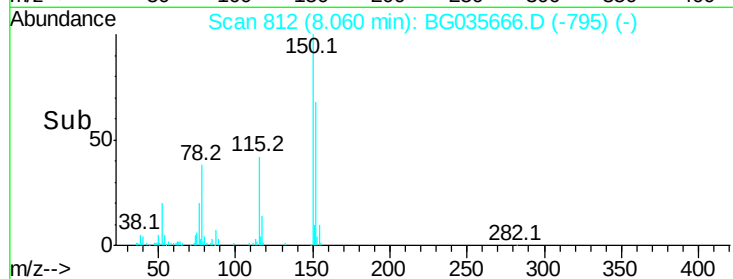
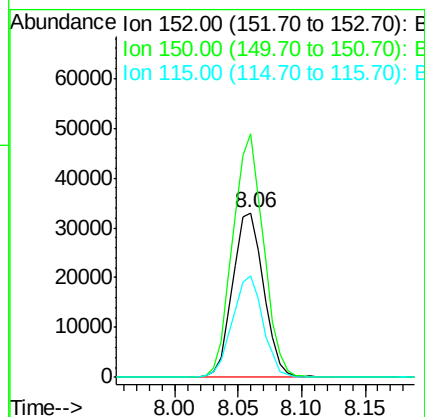
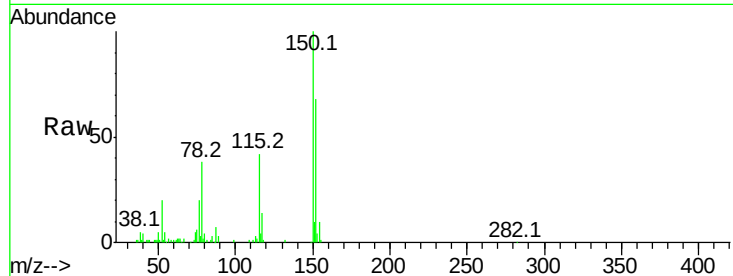


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035666.D
Acq: 16 Jul 2018 12:43

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

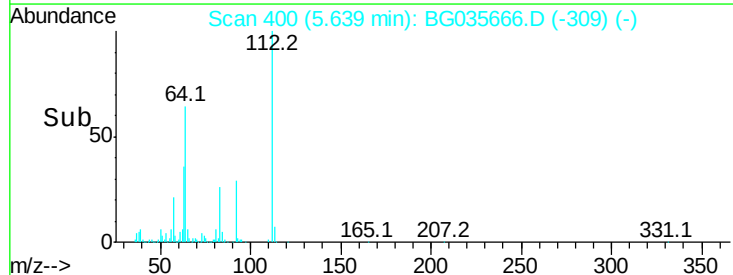
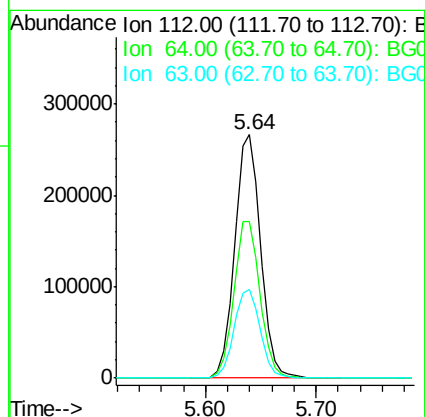
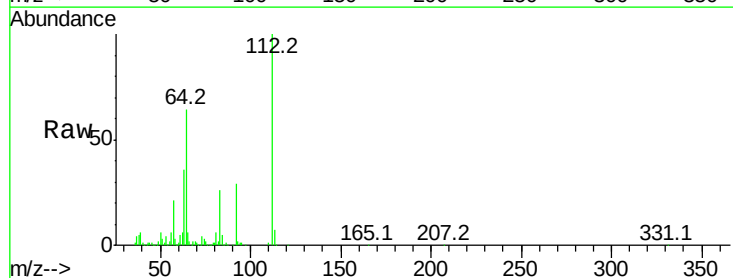
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	126.6	189.8
115	62.0	53.0	79.4

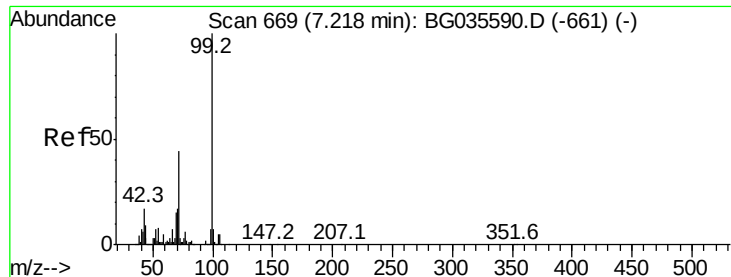


#5

2-Fluorophenol
Concen: 130.119 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035666.D
Acq: 16 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	36.5	30.1	45.1





#7

Phenol-d6

Concen: 116.923 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035666.D

Acq: 16 Jul 2018 12:43

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

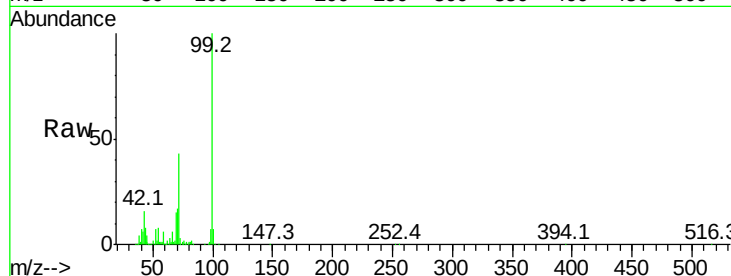
Tot Ion: 99 Resp: 585861

Ion Ratio Lower Upper

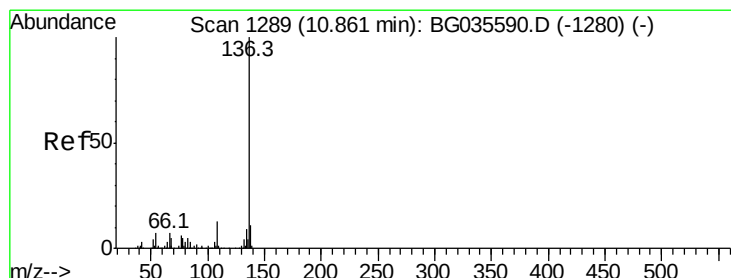
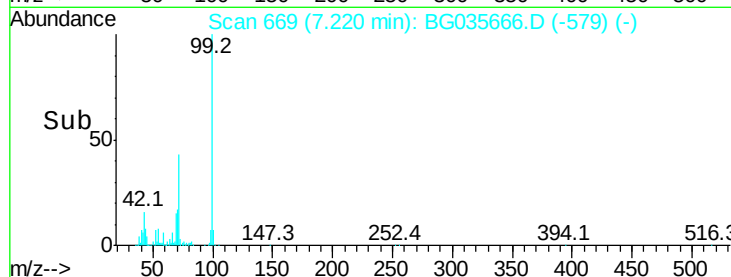
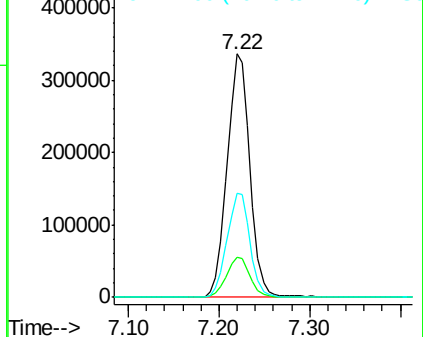
99 100

42 16.3 14.1 21.1

71 43.0 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG035666.D

Acq: 16 Jul 2018 12:43

Tgt Ion:136 Resp: 209084

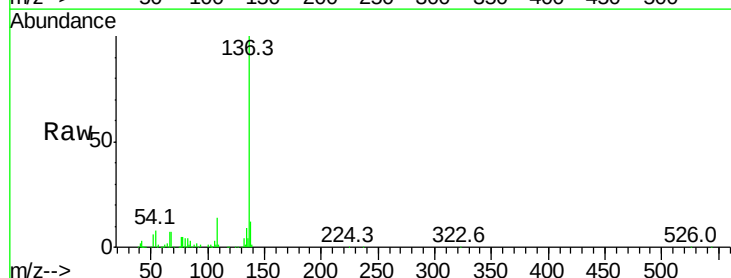
Ion Ratio Lower Upper

136 100

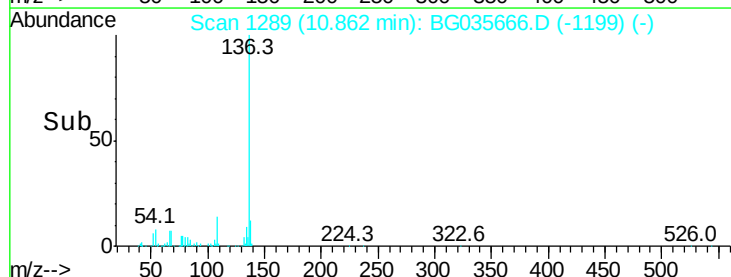
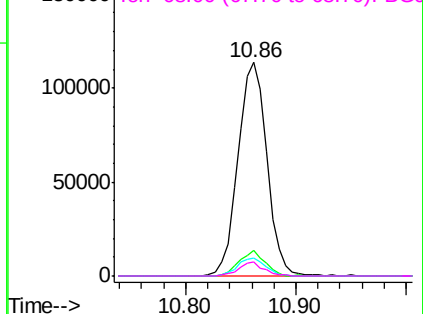
137 11.8 9.2 13.8

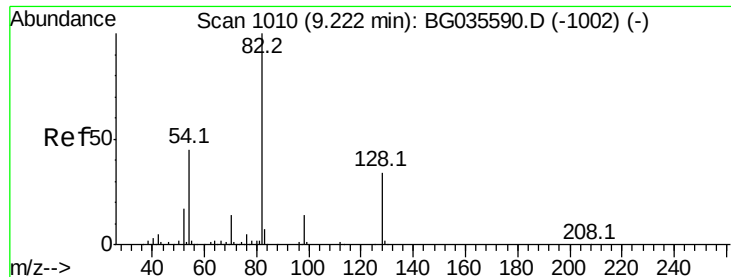
54 8.1 10.3 15.5#

68 6.7 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

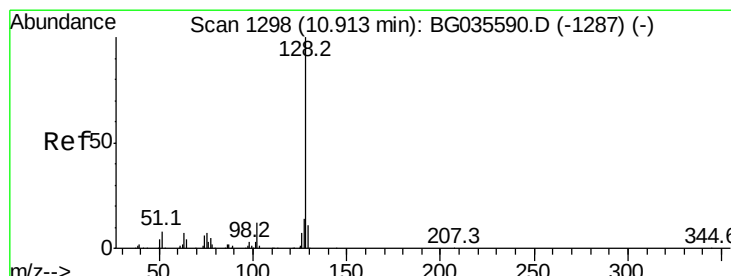
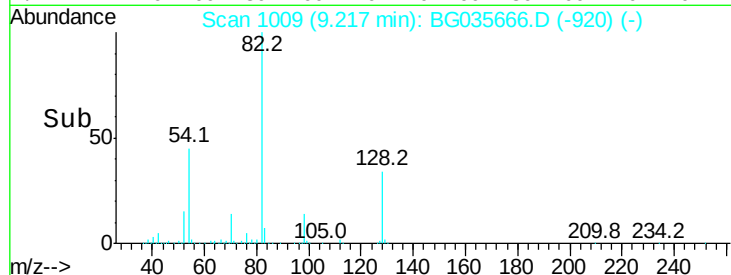
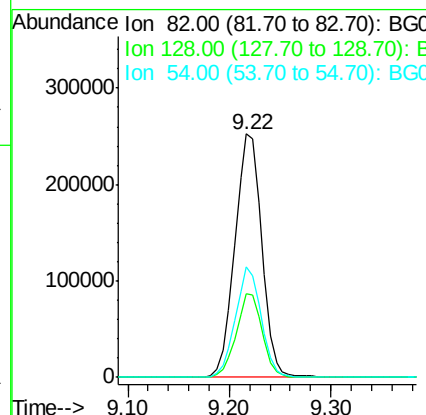
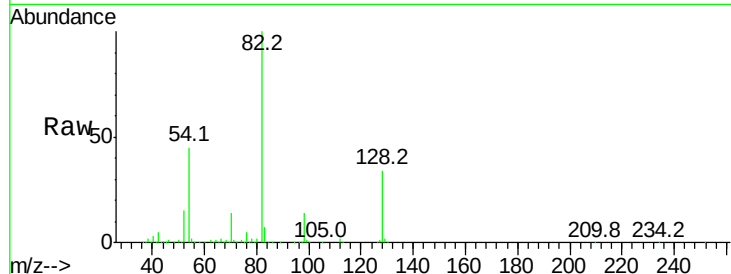




#23
Nitrobenzene-d5
Concen: 92.630 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035666.D
Acq: 16 Jul 2018 12:43

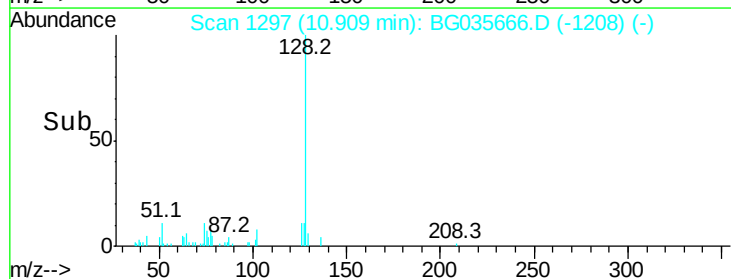
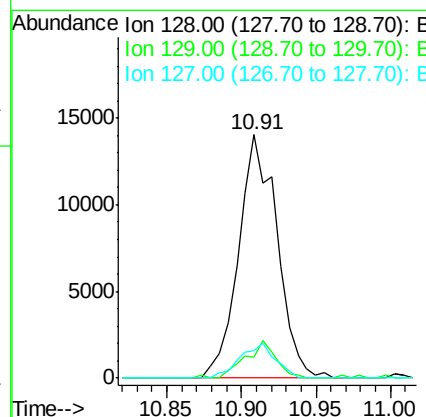
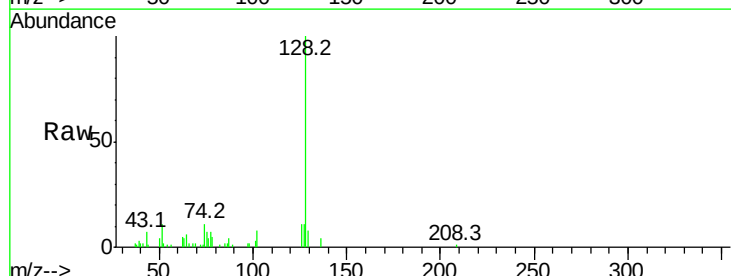
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

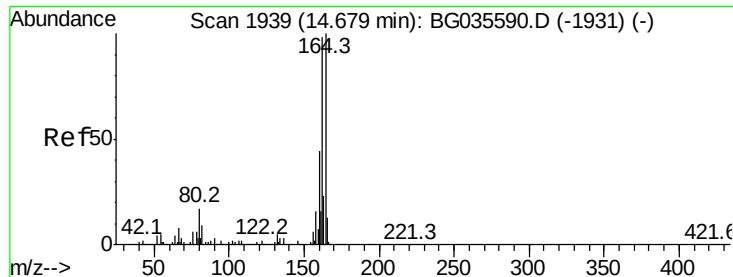
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	45.3	43.1	64.7



#31
Naphthalene
Concen: 2.298 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG035666.D
Acq: 16 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.4	8.6	12.8#
127	11.3	11.6	17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035666.D

Acq: 16 Jul 2018 12:43

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

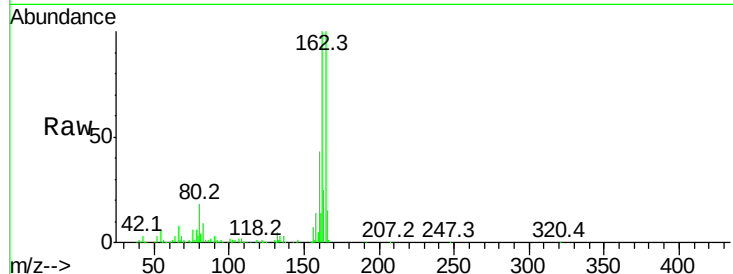
Tot Ion:164 Resp: 151966

Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

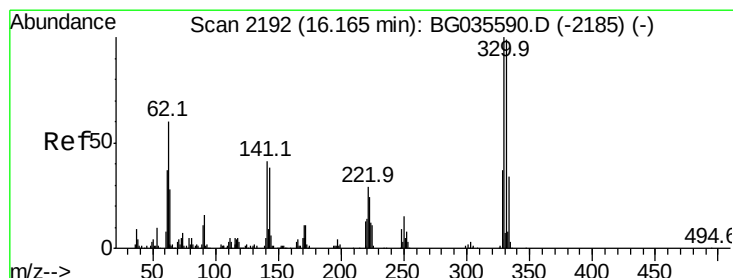
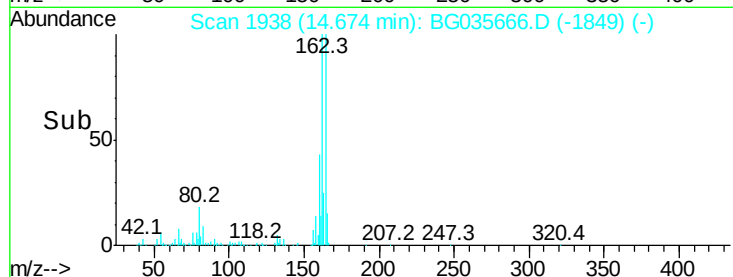
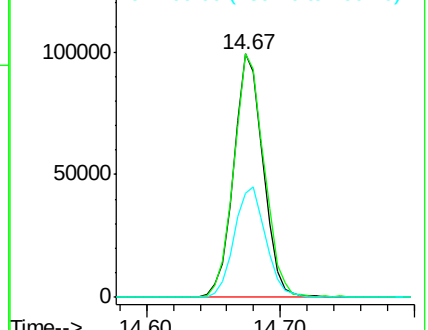
160 42.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 162.491 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035666.D

Acq: 16 Jul 2018 12:43

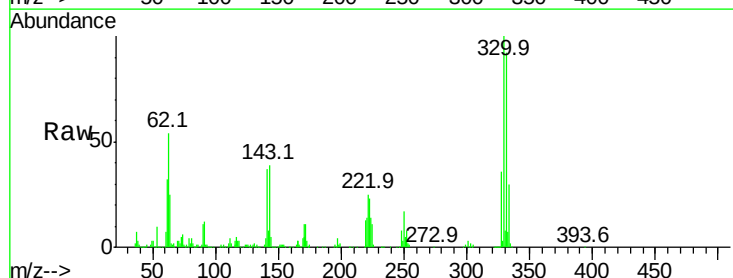
Tgt Ion:330 Resp: 325472

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

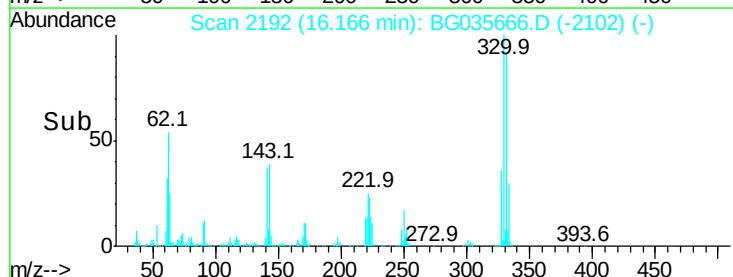
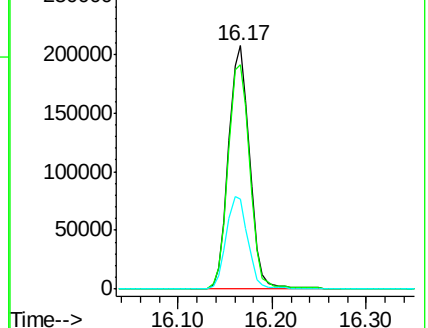
141 39.0 25.2 37.8#

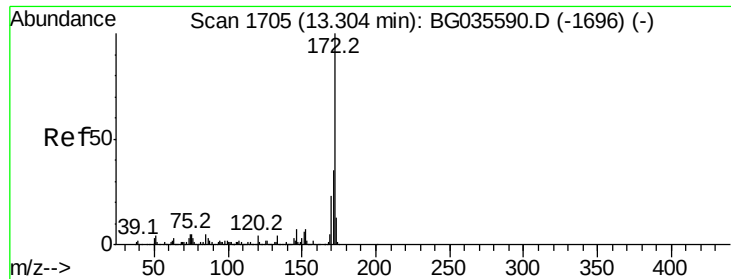


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

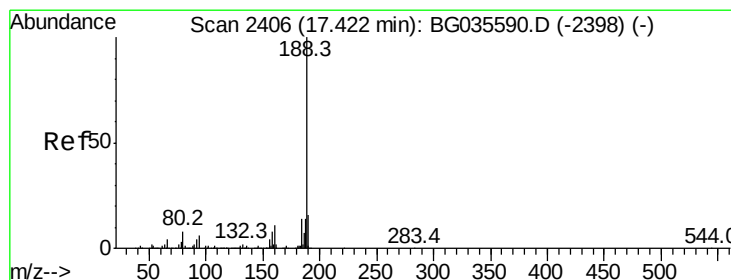
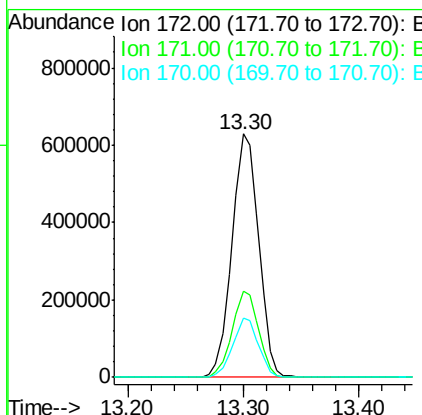
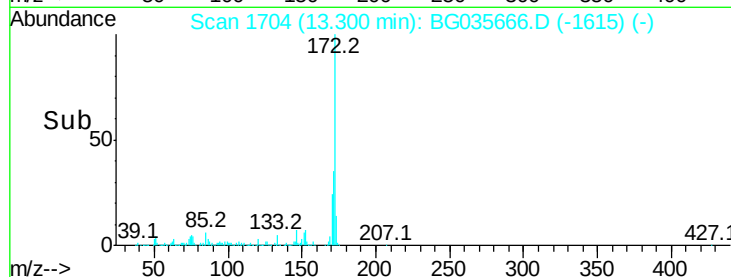
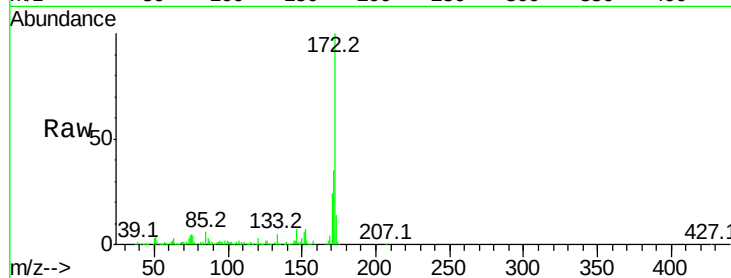




#44
2-Fluorobiphenyl
Concen: 89.221 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035666.D
Acq: 16 Jul 2018 12:43

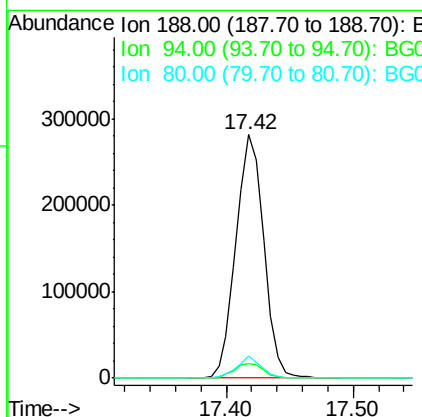
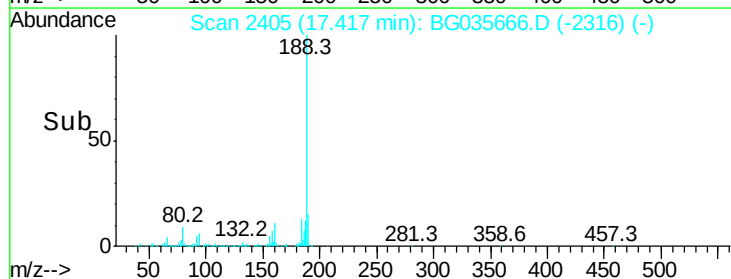
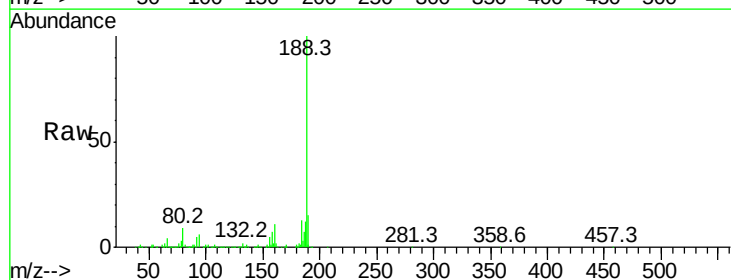
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-2

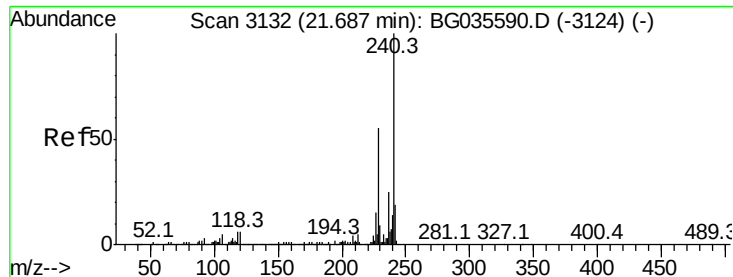
Tot Ion:172 Resp: 1012030
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 24.5 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035666.D
Acq: 16 Jul 2018 12:43

Tgt Ion:188 Resp: 428794
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.9 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035666.D

Acq: 16 Jul 2018 12:43

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-2

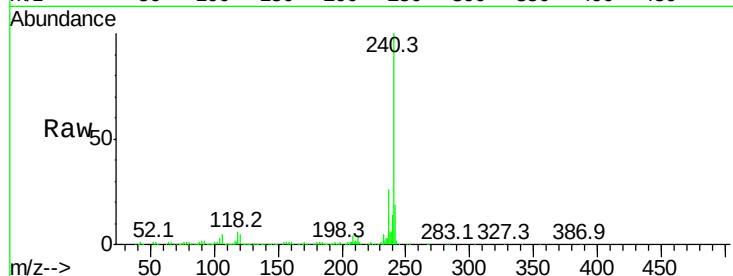
Tot Ion:240 Resp: 456402

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

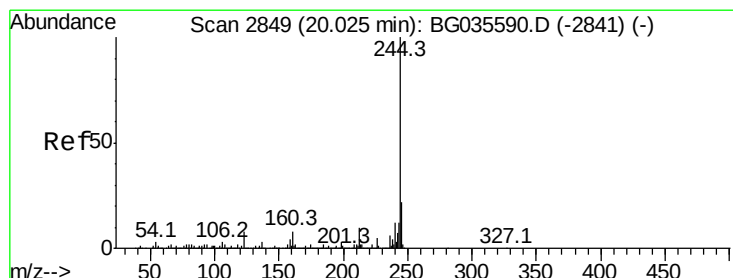
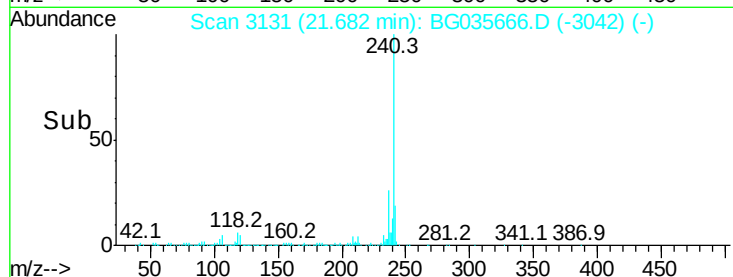
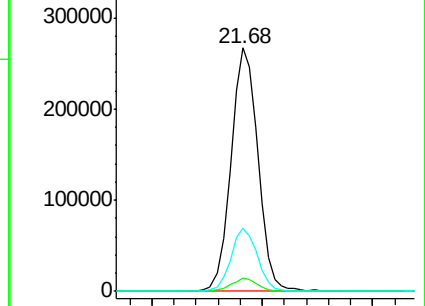
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 94.111 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035666.D

Acq: 16 Jul 2018 12:43

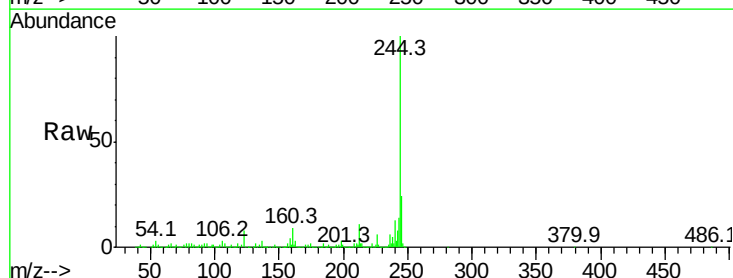
Tgt Ion:244 Resp: 1948566

Ion Ratio Lower Upper

244 100

212 10.6 5.8 8.8#

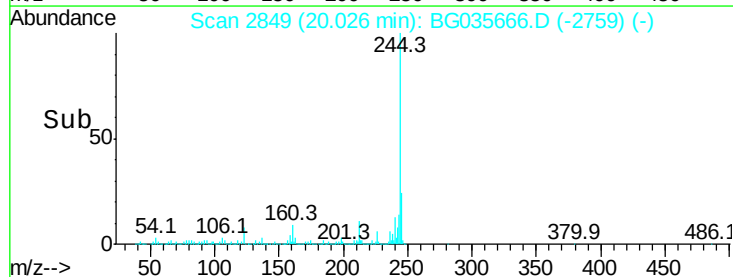
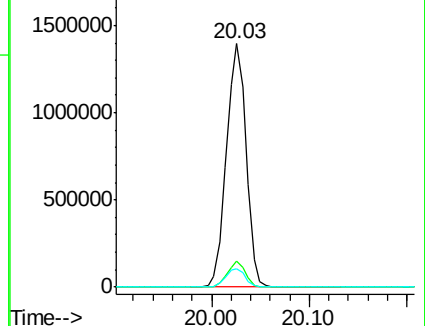
122 7.6 7.0 10.4

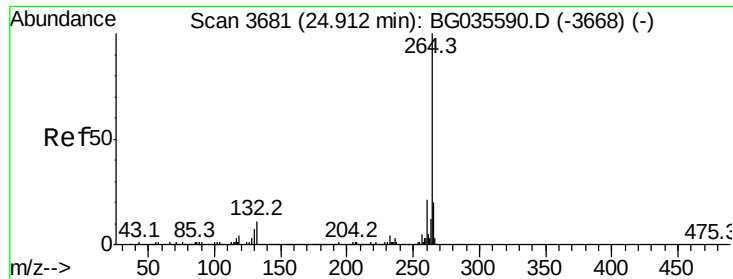


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.00 min
 Lab File: BG035666.D
 Acq: 16 Jul 2018 12:43

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	20.6	17.7	26.5

